



MASMOVIL[®]

 Grafana Faro:

RUM with  for  Apps



yoigo

MÁSMÓVIL

pepephone



llamaya*

LEBARA

Lycamobile



euskaltel



telecable

R

guuk

embou



¿Qué es Grafana Faro?





¿Por qué usar Grafana Faro?

Grafana Faro 101

Grafana Faro Web SDK

¿Qué nos permite observar?



Tracking de
errores

(errors)



Monitorización Web
Performance (CWV)

(measurements)



Trazas de la pila completa con
OpenTelemetry

(traces)



Logs de consola para mayor contexto

(logs)



Tracking de la actividad del usuario

(events, session, view, page)



¿Qué herramientas utilizamos?



Instrumentations



tracing con opentelemetry-js



Metas



¿Qué le ofrece Grafana faro a React?



Límites de error (Error Boundaries)



Límites de error (Error Boundaries)

AÑADIR SUSCRIPCIÓN NETFLIX

×

SUSCRIPCIÓN NETFLIX

Teléfono

639292821

Producto

Netflix Básico

▼

Mensualidad

5.50 €

Campañas

Error en el sistema. Reporte incidencia.

Promociones

Error en el sistema. Reporte incidencia.

CANCELAR

CONFIRMAR



Límites de error (Error Boundaries)

```
1 import { FaroErrorBoundary } from '@grafana/faro-react'
2
3 async function startApp() {
4   {...code....}
5
6   const ErrorModal = (error: Error) => {
7     return <FallbackModal error={error} />
8   }
9
10  ReactDOM.render(
11    <Suspense fallback={null}>
12      <RootProvider appDeps={appDeps}>
13        <FaroErrorBoundary fallback={ErrorModal}>
14          <Router history={history}>
15            <App />
16          </Router>
17        </FaroErrorBoundary>
18      </RootProvider>
19    </Suspense>,
20    document.getElementById('root'),
21  )
22 }
23 startApp()
```


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```
1 import { withFaroProfiler } from '@grafana/faro-react';
2
3 const ClientForm = observer(() => {
4   return (<{...code...}</>)
5 })
6
7 export default withFaroProfiler(ClientForm);
```



Enrutador de páginas (Router)

React Router V6

```
1 import { FaroRoutes } from '@grafana/faro-react';
2
3 // during render
4 <FaroRoutes>
5   <Route path="/" element={<Home />} />
6   {/* ... */}
7 </FaroRoutes>;
```

React Router V5

```
1 import { FaroRoute } from '@grafana/faro-react';
2
3 // during render
4 <Switch>
5   <FaroRoute path="/">
6     <Home />
7   </FaroRoute>
8   {/* ... */}
9 </Switch>;
```

Enrutador de páginas (Router)

React Router V6

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Demo de Grafana Faro React



¿Cómo configuramos el uso de Grafana Faro en React?

Inicializando Grafana Faro

Definición del hook con la configuración inicial de Grafana Faro

```
1 import { Route } from 'react-router-dom'
2 import {
3   getWebInstrumentations,
4   initializeFaro,
5   ReactIntegration,
6   ReactRouterVersion,
7 } from '@grafana/faro-react'
8 import { faro } from '@grafana/faro-web-sdk'
9 import { TracingInstrumentation } from '@grafana/faro-web-tracing'
10
11 import { useAppDepsContext } from '~/...'
12
13 export function useFaroInit() {
14   const { runtimeConfig } = useAppDepsContext()
15
16   const faroConfig = () => {
17     return initializeFaro({
18       url: 'http://faro-collector-us-central-0.grafana.net/collect/{app-key}',
19       app: {
```

Inicializando Grafana Faro

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14   const { runtimeConfig } = useAppDepsContext()
15
16   const faroConfig = () => {
17     return initializeFaro({
18       url: 'http://faro-collector-us-central-0.grafana.net/collect/{app-key}',
19       app: {
20         name: 'agents',
21         version: v {runtimeConfig.version},
22         environment: runtimeConfig.environment,
23       },
24       instrumentations: [
25         ...getWebInstrumentations(),
26         new TracingInstrumentation(),
27         new ReactIntegration({
28           router: {
29             version: ReactRouterVersion.V5,
30             dependencies: {
```

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27         new ReactIntegration({
28           router: {
29             version: ReactRouterVersion.V5,
30             dependencies: {
31               history,
32               Route,
```

```
5   ReactIntegration,  
6   ReactRouterVersion,  
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31               history,
32               Route,
33             },
34           },
35         }),
36       ],
37     })
38   }
39 }
```



```
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30             dependencies: {
31               history,
32               Route,
33             },
34           },
35         }),
36       ],
37     })
38   }
39
40   const faroLog = () => faro.api.pushLog(['Faro was initialized'])
```

```
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31               history,
32               Route,
33             },
34           },
35         }),
36       ],
37     })
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40   const faroLog = () => faro.api.pushLog(['Faro was initialized'])
41   return { faroConfig, faroLog, faroApi: faro.api, createSession }
```

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```

Ejecución de la inicialización

```
1  export const Routes = observer(() => {
2    ...
3
4    useEffect(() => {
5      configureAxiosInterceptors()
6      faroConfig()
7      faroLog()
8    }, [])
9
10   useEffect(() => {
11     if (isAuthenticated && !!agent.id) {
12       faroApi.setUser({
13         id: agent.id,
14         email: agent.email,
15         username: agent.userName,
16       })
17       faroApi.setSession(createSession({ id: agent.id }))
18     }
19   }, [isAuthenticated, agent])
20 }
```

Ejecución de la inicialización

```

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3
4   useEffect(() => {
5     configureAxiosInterceptors()
6     faroConfig()
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10  useEffect(() => {
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13        id: agent.id,
14        email: agent.email,
15        username: agent.userName,
16      })
17      faroApi.setSession(createSession({ id: agent.id }))
18    }
19  }, [isAuthenticated, agent])
20
21  return (
22    <Switch>
23      ...
24    </Switch>
25  )
26 })

```

Caso de Uso en MásMóvil: Agents

Portal de Ventas Agents



yoigo

Agentes v1.8.03

Buscar

frank.gonzalez@masmovil.com

MyArea

MyCRM

MyVenta

Venta Prepago

CLIENTE

CONTRATO

SUSCRIPCIÓN

CONSUMOS

INFORMACIÓN

MOVIMIENTOS

DISPOSITIVO

PORTABILIDAD

BONOS

TERMINALES

SMS

EMAIL

Teléfono

692848704

PIN 1

0

PIN 2

0

PUK 1

0

PUK 2

0

IMSI

15

ICC

15

Fabricación

SIM

Fecha de Instalación

2023-07-18 14:51:48

Fecha de Venta

2023-07-18 14:51:36

Fecha de PreActivación

-

Fecha de Activación

-

Fecha de Desactivación

-

Motivo

-

IN

-

Tipo Suscripción

Postpago

Segmento de Oferta

-

Contrato

YGC2307187182242

Paquete

FIBRA 1Gb + LA SINFIN 45GB + NETFLIX CON ANUNCIOS

Estado

INSTALADO

Origen

PORTABILIDAD

Producto

LA SINFIN 45 GB CONV

Consumo Mínimo

-

Saldo

0.00

A Pagar

0.00

Límite de Consumos

-

Distribuidor

MASTER99

Tienda

9999

Nombre Usuario

Frank González -LCA- Hernández

Usuario de Envío

-

▶ ACTIVACIÓN

|| BLOQUEOS

▶ REACTIVACIÓN

■ BAJA

RESUMEN DE SERVICIOS

↻

AÑADIR DISPOSITIVO

Servicios	Activación	Estado
Voz	18-07-2023 14:51:48	INSTALADO
Buzón Voz	18-07-2023 14:51:49	BLOQUEO TEMPORAL
Aviso de Disponibilidad	18-07-2023 14:51:48	TERMINADO
Identificación de Número	18-07-2023 14:51:48	TERMINADO
Desvío de Llamadas	18-07-2023 14:51:48	TERMINADO
Idioma	18-07-2023 14:51:49	ESPAÑOL
Aviso de Llamadas	18-07-2023 14:51:48	TERMINADO
Llamadas Entrantes	18-07-2023 14:51:48	TERMINADO
Llamadas Salientes	18-07-2023 14:51:48	TERMINADO
Envío SMS	18-07-2023 14:51:48	TERMINADO
GPRS	18-07-2023 14:51:48	TERMINADO
Roaming	18-07-2023 14:51:48	TERMINADO
Recibir SMS	18-07-2023 14:51:48	TERMINADO
Llamadas Internacionales	18-07-2023 14:51:48	TERMINADO
Barrings IFS	18-07-2023 14:51:49	DESBLOQUEO
Redes Disponibles	18-07-2023 14:51:48	RED VOZLO GRANDE



¿Qué ventajas nos ofrece Grafana Faro?

-

¿Preguntas?

¡Gracias! 